

SNPs

[illegible]

Genosets

genoset:	gs116
criteria:	and(rs10246939(T;T), rs1726866(T;T), rs713598(C;C))
trait if fulfilled:	80% likely to be unable to taste bitter

conclusion:	Inuk only has 2 of the 3 genotypes required by this genoset and is thus not fulfilling the criteria. (It may be speculated that there is an error in SNPedia and that rs713598(C;C) should have been rs713598(G;G) but that is beyond the scope of this exercise)
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rs number	dbSNP orientation	Inuk's genotype on plus strand	Inuk's genotype on minus strand	Inuk's genotype on dbSNP strand	Inuk's genotype in HapMap-CEU	Inuk's genotype in HapMap-HCB	Inuk's genotype in HapMap-JPT	Inuk's genotype in HapMap-YRI
rs10246939	plus	T;T	A;A	T;T	0.327	0.116	0.221	0.312
rs1726866	minus	A;A	T;T	T;T	0.336	0.116	0.221	0.080
rs713598	minus	C;C	G;G	G;G	0.322	0.111	0.227	0.417

genoset:	
criteria:	
trait if fulfilled:	

conclusion:	
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rs number	dbSNP orientation	Inuk's genotype on plus strand	Inuk's genotype on minus strand	Inuk's genotype on dbSNP strand	Inuk's genotype in HapMap-CEU	Inuk's genotype in HapMap-HCB	Inuk's genotype in HapMap-JPT	Inuk's genotype in HapMap-YRI

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rs number	dbSNP orientation	Inuk's genotype on plus strand	Inuk's genotype on minus strand	Inuk's genotype on dbSNP strand	Inuk's genotype in HapMap-CEU	Inuk's genotype in HapMap-HCB	Inuk's genotype in HapMap-JPT	Inuk's genotype in HapMap-YRI